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INFO AMEMBASSY BONN

USNMR SHAPE

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S E C R E T SECTION 1 OF 4 USNATO 4710

E.O. 11652: GDS, 12/31/81

TAGS: MCAP, NATO, GW

SUBJECT: FRG FORCES FOR NATO

REF: A. USNATO 3619

B. USNATO 4315

C. BONN 13468

SUMMARY: FRG REPLY TO DPQ (73) INDICATES ARMY AND AIR FORCE ARE MEETING 1973 COMMITMENTS. NAVY DEVIATES FROM 1973 COMMITMENT IN NUMBER OF COASTAL SUBMARINES AND MARITIME PATROL AIRCRAFT AND SHIP READINESS CATEGORIES. COUNTRY 1974-78 PLANS DO NOT ENTIRELY CONFORM WITH NATO 1973-78 FORCE GOALS. OVERALL PERSONNEL STRENGTH (WHICH IS LIMITED BY LAW) REMAINS CONSTANT OVER 1973-78 PLANNING PERIOD; MANPOWER CEILING APPEARS TO BE A LIMITING FACTOR IN ACCOMPLISHMENT OF SOME NATO GOALS. POOL OF RESERVISTS IS PROJECTED TO INCREASE SUBSTANTIALLY. CONSCRIPTION SERVICE WAS REDUCED FROM 18 TO 15 MONTHS ON JANUARY 1, 1973; FULL DETAILS ON COMPENSATORY MEASURES TO HELP OFFSET REDUCTION IN LENGTH OF CONSCRIPTION SERVICE HAVE NOT BEEN MADE AVAILABLE. SUBSTANTIAL REEQUIPMENT PROGRAM, WHICH CLOSELY FOLLOWS RECOMMENDATIONS IN NATO FORCE GOALS AND AD-70 STUDIES IS BEING
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MAINTAINED. MODERNIZATION PROGRAM HIGHLIGHTS ACQUISITION OF TOW, MILAN, AND HOT ANTI-TANK SYSTEMS, TRANSPORT HELICOPTERS, MARDER COMBAT VEHICLES, LOW LEVEL AIR DEFENSE WEAPONS, COASTAL SUBMARINES, GUIDED MISSILE FAST PATROL BOATS, AND F-4F AND

ALPHA JET AIRCRAFT. DEFENSE EXPENDITURES ARE TO INCREASE BY 10 PERCENT IN MONETARY TERMS AND 3.8 IN REAL TERMS IN 1973 OVER 1972; NO DETAILED EXPENDITURE INFORMATION FOR POST-1973 PERIOD IS FURNISHED. DPG(73) PROVIDES NO DETAILS ON RESTRUCTURING OF BUNDESWEHR. AT NATO MULTILATERAL SESSION WE PLAN TO ENCOURAGE FRG TO CONTINUE FORCE IMPROVEMENTS AND TO QUERY FRG ON DETAILS OF ANTI-TANK AND DESTROYER/OCEAN ESCORTS, REPLACEMENT PROGRAMS. END SUMMARY.

FRG

1. FORCES. A. ARMY. 1973 ARMY FORCE STRUCTURE CONFORMS WITH COMMITMENT UNDERTAKEN FOR 1973. REORGANIZATION OF ARMY (BOTH FIELD AND TERRITORIAL ARMY), INCLUDING ASSIGNING NEW MISSIONS TO A LARGE NUMBER OF UNITS AND REORGANIZATION OF TRAINING, IS CONTINUING; HENCE ARMY UNITS HAVE NOT YET BEEN CLASSIFIED ACCORDING TO MC55/2. UNITS HAVE BEEN CLASSIFIED ACCORDING TO MC55/1. (MC55/2 CLASSIFICATION IS EXPECTED TO BE FORWARDED TO NATO THIS AUTUMN). MAJOR M-DAY UNITS COMMITTED TO NATO FOR 1974 ARE FOUR ARMORED, FOUR MECHANIZED INFANTRY, TWO MOTORIZED INFANTRY, ONE MOUNTAIN AND ONE AIRBORNE DIVISION, TWO ARMORED RCTS, ELEVEN NUCLEAR CAPABLE 155 MM SP HOWITZER BATTERIES, ELEVEN EIGHT-INCH HOWITZER BATTERIES, ELEVEN HONEST JOHN BATTERIES (FOUR LAUNCHERS EACH) AND FOUR SERGEANT BATTERIES. TWO ARMORED AND ONE MECH INF DIVISIONS CARRY ONLY TWO BRIGADES EACH. BECAUSE OF LACK OF INFRASTRUCTURE FACILITIES, ACTIVATION OF THIRD ARMORED RCT CONTINUES TO BE PUT OFF UNTIL 1974. LANCE IS TO BEGIN REPLACING HONEST JOHN AND SERGEANT IN 1975; ANNUAL INTRODUCTION RATES DEPEND ON EUROGROUP DECISION ON HOW MANY COUNTRIES WILL PROCURE LANCE. NO OTHER MAJOR CHANGES TO FORCE STRUCTURE ARE ENVISAGED. MAINLY FOR FINANCIAL REASONS 1974-78 COUNTRY PLANS DO NOT INCLUDE NATO 1973-78 FORCE GOALS TO INTRODUCE 2ND ECHELON ARMORED INFANTRY BRIGADE AS PROVISIONAL CORPS RESERVE FOR COMLANDJUT AND TO CONVERT ONE BRIGADE OF AIRBORNE DIVISION TO AN AIR MOBILE CONFIGURATION.

(1) EQUIPMENT: SUBSTANTIAL EQUIPMENT MODERNIZATION
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PROGRAM, WHICH PLACES SPECIAL EMPHASIS ON INCREASING ANTI-ARMOR CAPABILITY, IS BASED ALMOST EXCLUSIVELY ON AD-70 RECOMMENDATIONS AND NATO FORCE GOALS. INTRODUCTION OF SECOND-GENERATION ANTI-TANK SYSTEM IS TO BEGIN IN 1973. MEMORANDUM STATES QUOTE 90 TOW AT MISSILE SYSTEM WILL BE ISSUED TO THE AIRBORNE BRIGADES. END QUOTE. MOTORIZED INFANTRY UNITS ARE TO START RECEIVING MILAN AT ROCKETS IN 1974. AT LAST YEAR'S NATO MULTILATERAL REVIEW, FRG INDICATED SPEER AT PROGRAM HAD BEEN CANCELLED AND LONGER RANGED MILAN IS BEING PROCURED IN ITS PLACE. SPECIAL DISTRIBUTION EQUIPMENT TABLES INDICATE REPLACEMENT OF SS-11 WITH NOT AT SYSTEM IS SCHEDULED TO BEGIN IN 1975; NO OTHER DETAILS ON HOT ARE FURNISHED. ACQUISITION OF AN AT HELICOPTER IS PLANNED FOR SECOND HALF OF 1970'S. REPLACEMENT OF M-48 BY LEOPARD TANK APPEARS ON

SCHEDULE. IN 1973 240 LEOPARDS (WITH INCREASED COMBAT EFFECTIVENESS ATTRIBUTED TO WEAPON STABILIZATION SYSTEM AND INTEGRATED FIRE CONTROL SYSTEM) WILL BE FIELDDED AS REPLACEMENTS FOR M-48, COMPLETING LEOPARD REPLACEMENT PROGRAM. MAJORITY OF REPLACED M-48 WILL BE UTILIZED AS GUN-EQUIPPED TANK DESTROYERS AN AT UNITS. INTRODUCTION OF MARDER MECHANIZED INFANTRY COMBAT VEHICLES IS WELL UNDERWAY. BY 1974 ALL ARMORED INFANTRY BATTALIONS ARE TO BE EQUIPPED WITH MARDER. IN 1974 300 ADDITIONAL APCs (M113) ARE TO BE PROCURED. ARMY AIR DEFENSE, ESPECIALLY LOW LEVEL DEFENSE IS BEING IMPROVED: ONE THOUSAND REDEYE AA ROCKETS ARE BEING DELIVERED IN 1973 TO DIVISIONAL AA BATTALIONS; COMBAT AND COMBAT SUPPORT UNITS ARE BEING EQUIPPED WITH LARGE NUMBER OF 20 MM AUTOMATIC AA GUNS MOUNTED ON MECHANIZED COMBAT VEHICLES; AND A TOWED AUTOMATIC 20 MM GUN IS BEING PROCURED. BEGINNING IN 1975 SP AA GUN NO 1 IS TO REPLACE 40 MM SP L60 AA GUN; PROCUREMENT FOR GUN HAS BEGUN. EQUIPMENT TABLES INDICATE 415 LEOPARD-MOUNTED 35 MM AA GUNS ARE TO BE ACQUIRED DURING PLANNING PERIOD. IMPROVEMENTS TO ARTILLERY CAPABILITY ARE ALSO ENVISAGED. LANCE IS TO REPLACE HONEST JOHN AND SERGEANT (BEGINNING IN 1975) AND

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TRSE-00 MBFR-04 SAJ-01 DRC-01 SS-15 NSC-10 /144 W

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155 MM FIELD HOWITZER IS TO REPLACE 105 MM AND 155 MM TOWED HOWITZERS (BEGINNING IN 1977). TARGET DETECTION CAPABILITY HAS BEEN ENHANCED THROUGH PROCUREMENT OF CL 89 RECONNAISSANCE DRONE. INTRODUCTION OF 110 CH-53 TRANSPORT HELICOPTERS WILL PROBABLY BE COMPLETED IN 1974. ARMY COMMAND, CONTROL AND COMMUNICATIONS SYSTEMS ARE BEING IMPROVED; DEVELOPMENT OF MORE ADVANCED AUTOMATED COMMUNICATIONS SYSTEMS IS CONTINUING. ACQUISITION OF NBC PROTECTIVE EQUIPMENT IS WELL UNDERWAY.

(2) LOGISTICS. STOCK LEVELS ARE GENERALLY IN LINE WITH

SHAPE GUIDELINES. BY END-1973 ALL REPORTED ITEMS, EXCEPT NEW ANTI-TANK ROCKETS, 110 MM ARTILLERY ROCKETS, 105 MM AND 155 MM AMMUNITION, WILL BE AT 30 COMBAT DAYS LEVEL. MEMORANDUM STATES EXISTING GAPS IN AMMO STOCK PILES CAN ONLY BE REMEDIED IN MEDIUM, TERM TIME FRAME. WRM SITUATION APPEARS TO DECLINE OVER PLANNING PERIOD; BY 1978 HALF OF 14 REPORTED ITEMS ARE BELOW 30 DAY LEVEL, HOWEVER TWO OF THE SHORT ITEMS ARE BEING PHASED OUT. THE SHORTFALLS AFFECT AMMO FOR 35 MM (12 DAYS), 155MM HOWITZER (17 DAYS), 175 MM (27 DAYS), 110 MM ARTILLERY ROCKET (16 DAYS) AND MILAN (3 DAYS). NONE OF THE OTHER NEW AT ROCKETS ARE REPORTED IN NUMBER OF DAYS. OVERALL LOGISTIC STRUCTURE IS BEING IMPROVED THROUGH REGIONAL LOGISTIC COOPERATION BETWEEN

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FIELD AND TERRITORIAL ARMIES. REORGANIZATION OF SERVICE SUPPORT TROOPS HAS ESTABLISHED BASIS FOR FUTURE STRUCTURAL CHANGES TO IMPROVE LOGISTICS.

(3) PERSONNEL. BASIC NATIONAL MILITARY SERVICE TERM WAS REDUCED FROM 18 TO 15 MONTHS ON JANUARY 1, 1973. IMPACT OF REDUCTION CANNOT YET BE ASSESSED. ACTIVE DUTY STRENGTH IS APPROXIMATELY 318 THOUSAND OVER PLANNING PERIOD. ABOUT 45 PERCENT OF ACTIVE FORCE ARE REGULARS. ROUGHTLY 250 THOUSAND TROOPS ARE IN NATO ASSIGNED/EARMARKED UNITS. ACTIVE STRENGTH IS ONLY 35 PERCENT OF WAS. SOME 550 THOUSAND RESERVISTS ARE TO BE RECALLED DURING FIRST 15 DAYS OF MOBILIZATION, INCREASING IN 1976 TO NUMBER NEEDED (590 THOUSAND) TO BRIDGE GAP BETWEEN ACTIVE STRENGTH AND WAS. TOTAL POOL OF RESERVISTS CONTINUES TO GROW; IT IS ESTIMATED TO REACH 2,235 THOUSAND BY 1977. IN 1973 AND IN THE POST-1973 PERIOD, SOME 95 THOUSAND RESERVISTS ARE TO RECEIVE ANNUAL REFRESHER TRAINING, 90 PERCENT OF WHICH RECEIVE MORE THAN 7 DAYS OF ACTUAL TRAINING. ANNUAL TRAINING ESTIMATES FOR 1973 AND BEYOND ARE BELOW EARLIER PROJECTIONS. ARMY IS REORGANIZING/STREAMLINING TRAINING PROGRAM IN AN EFFORT TO MAINTAIN TRAINING STANDARD IN FACE OF REDUCED LENGTH OF CONSCRIPT SERVICE PERIOD.

B. NAVY. ALL NAVAL COMBAT FORCES ARE EARMARKED FOR ASSIGNMENT TO SACEUR. NUMBER OF SHIPS AND AIRCRAFT MEETS COMMITMENT UNDERTAKEN FOR 1973, EXCEPT FOR DELAY IN THE INTRODUCTION OF COASTAL SUBMARINES AND ATLANTIQUE MARITIME PATROL AIRCRAFT (MPA). THERE IS ALSO A SLIPPAGE AGAINST 1973 COMMITMENT IN READINESS CATEGORIES FOR DESTROYER/OCEAN ESCORTS AND FAST PATROL BOATS (FPB); NUMBER OF COASTAL MINESWEEPER/HUNTERS AND LANDING CRAFT UTILITY (LCU) EXCEED COMMITMENT MADE FOR 1973. 1974 COMMITMENT CONSISTS OF 3 GUIDED MISSILE DESTROYERS (TWO OPERATIONAL READINESS STATUS A1 AND ONE C5); 14 DESTROYER/OCEAN ESCORTS (7A1&2, 4B3&4, 3B5&C5); 24 COASTAL SUBS (10A1, 9B2-4, 5B&C5); PLUS 118 MINOR SHIPS (OF WHICH 63 ARE A1&2), 60 F-104G RECONNAISSANCE/ATTACK AIRCRAFT (A1), AND 10 ATLANTIQUE MPA (7A1&3A2). SIGNIFICANT CHANGES TO NAVAL STRUCTURE OVER 1975 TO 1978 PERIOD ARE PLANNED

INTRODUCTION OF NEW COASTAL SUBS AND GUIDED MISSILE FPBS. COUNTRY
PLANS FOR 1974-78 PERIOD DO NOT INCLUDE GUIDED MISSILE COASTAL
ESCORTS, LANDING SHIP MEDIUM (LSM) AND MOBILE SHORE-TO-SHIP
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MISSILE SYSTEMS FOR COASTAL DEFENSE CALLED FOR IN NATO FORCE
GOALS. FRG AUTHORITIES HAVE PREVIOUSLY TOLD NATO THAT FRG
STUDIES DO NOT SUPPORT NATO GOAL TO CONSTRUCT GUIDED MISSILE
COASTAL ESCORTS FOR USE IN DEFENSE OF WESTERN BALTIC. BUILD-UP
OF COASTAL DEFENSE IS BEING STUDIED, BUT INTRODUCTION IS NOT
PLANNED IN PERIOD UNDER REVIEW.

(1) EQUIPMENT. NEW GERMAN MARITIME CONCEPT PLACES FIRST
PRIORITY ON IMPROVING FORCES DEPLOYED IN BALTIC, FOLLOWED BY
IMPROVEMENTS TO NORTH SEA FORCES. OVERALL MODERNIZATION PROGRAM
IS DIRECTED TOWARD AD-70 AND NATO GOALS. FULL PLATE OF NATO
GOALS IS NOT BEING IMPLEMENTED. EFFECTIVENESS OF BALTIC FLEET
WILL BE ENHANCED THROUGH COMMISSIONING OF TOTAL OF 18 TYPE 206
COASTAL SUBS (BY 1974) AND 30 GUIDED MISSILE FPBS (FROM 1973-74
TWENTY FRENCH DESIGN TYPE 148 AND FROM 1975-76 TEN GERMAN DESIGN
TYPE 143). WORK IS UNDERWAY ON A COPRODUCED HYDROFOIL CRAFT
AS A REPLACEMENT FOR ZOBEL CLASS FPBS. FRG ALSO PLANS TO REPLACE
NON-GUIDED MISSILE DESTROYERS/OCEAN ESCORTS (NOT TIME FRAME
GIVEN) EXCEPT FOR FLETCHER CLASS DESTROYERS WHICH ARE TO BE
DECOMMISSIONED AFTER 1975 WITHOUT IMMEDIATE REPLACEMENT. FOUR
HAMBURG CLASS DESTROYERS APPARENTLY ARE BEING CONVERTED TO
GUIDED MISSILE SHIPS (DDGS) AND MISSILES ON CURRENT DDGS ARE
BEING MODERNIZED. SOME 27 COASTAL MINESWEEPERS ARE BEING PHASED
OUT. INTRODUCTION OF 10 MINESWEEPING COMBINATIONS, TROIKA
GROUPS, (REPLACING PHASED OUT MINESWEEPERS) HAS BEEN DELAYED
UNTIL 1978-79 BECAUSE OF TECHNICAL DIFFICULTIES. TO ASSURE
THAT OVERALL MINESWEEPING CAPABILITY WILL NOT BE REDUCED IN
PLANNING PERIOD, 18 INSHORE MINESWEEPERS ARE BEING TRANSFERRED
FROM NATIONAL TO NATO COMMAND AND SIX COASTAL MINESWEEPERS ARE
BEING RECOMMISSIONED FROM RESERVE STATUS. COASTAL MINESWEEPERS
ARE TO BE DECOMMISSIONED UPON INTRODUCTION OF TROIKA GROUPS.
CONVERSION OF LINDAU CLASS MINESWEEPERS TO MINEHUNTERS IS
CONTINUING; COMPLETION OF CONVERSION PROGRAM IS PROJECTED FOR
1975/76. MEMORANDUM INDICATES SEVEN LCUS ARE TO BE COMMISSIONED
(NO TIME FRAME GIVEN) AS REPLACEMENT FOR PHASED OUT LSMS. ALL
MAJOR UNITS HAVE BEEN EQUIPPED WITH RADIO TELETYPE (RATT) ON LINE
EQUIPMENT. NUMBER OF F-104G AIRCRAFT ASSIGNED TO NATO CANNOT
BE AUGMENTED UNTIL 1976 BECAUSE OF LACK OF PILOTS. THREE
ADDITIONAL MPAS CANNOT BE EARMARKED FOR ASSIGNMENT TO NATO
UNTIL 1976 BECAUSE OF EMPLOYMENT UNTIL THEN IN EW ROLE UNDER
NATIONAL COMMAND.

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(2) LOGISTICS. STOCKS FOR MOST ITEMS ARE REPORTED AT 30 DAY LEVEL. IN 1973 LONG RANGE AA AMMO, ANTI-SHIP TORPEDOES, AND 1000 LBS BOMBS ARE BELOW 30 DAY LEC. BY 1978 ONLY MK9 DEPTH CHARGES (BEING PHASED OUT) ARE BELOW 30 DAY LEVEL OR DO NOT IMPROVE OVER 1973 STOCK LEVEL. NATIONAL GOAL IS FOR 45 DAYS OF WRM; MANY ITEMS ARE BELOW NATIONAL GOAL.

(3) PERSONNEL. ACTIVE DUTY STRENGTH IS APPROXIMATELY 38 THOUSAND OVER 1973-78 PERIOD, WITH ROUGHLY 17 THOUSAND ASSIGNED TO SHIPS. ABOUT 67 PERCENT OF ACTIVE FORCE ARE REGULARS. WAS HAS BEEN REDUCED; ACTIVE STRENGTH IS NOT ABOUT 65 PERCENT OF WAS. ADEQUATE NUMBER OF RESERVISTS ARE AVAILABLE TO FILL GAP BETWEEN ACTUAL STRENGTH AND WAS. COME 6,200 RESERVISTS ARE TO RECEIVE ANNUAL REFRESHER TRAINING. RESERVIST POOL IS PROJECTED TO INCREASE FROM ABOUT 89 THOUSAND IN 1973 TO OVER 118 THOUSAND BY 1978. CATEGORY A SHIPS ARE MANNED AT 7(PERCENT OF WAS; CAT B AT 72 PERCENT AND CAT C AT 65 PERCENT. THERE IS A SHORTAGE OF PERSONNEL IN SPECIALIZED ELECTRONIC FIELDS. MEMORANDUM NOTES IT IS TOO SOON TO ASSESS EFFECT ON TRAINING OF REDUCTION IN CONSCRIPTION TERM.

C. AIR FORCE. 1973 COMMITMENT IS BEING MET. 1974 COMMITMENT
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TO NATO CONSISTS OF FOLLOWING ASSIGNED AND EARMARKED SQUADRONS:
SIX F104G STRIKE/ATTACK, FOUR F104G ATTACK/STRIKE, SIX G-91 LIGHT WEIGHT ATTACK/REESE, FOUR RF-4E TACTICAL REECE, FOUR C-160 TRANSPORT, EIGHT PERSHING SSM, 24 NIKE AND 36 HAWK (ALL OPERATIONAL READINESS STATUS A1); PLUS TWO G-91 ATTACK REECE (CATEGORY B2), ONE TF-104G INTERCEPTOR DAY FIGHTER (B2) AND FOUR F-4F AWW

(CATEGORY C5; BEING INTRODUCED AS REPLACEMENT FOR F-104G AWX). BEGINNING IN 1975 ADDITIONAL F4FS ARE TO BE INTRODUCED AS REPLACEMENT FOR F-104G IN ATTACK ROLE AND A PORTION OF G91 IN AT ATTACK/RECCE ROLE; REMAINDER OF G91S ARE TO BE PHASED OUT WITH INTRODUCTION IN 1977/78 OF ALPHA JET. NO OTHER MAJOR CHANGES TO AIR FORCE STRUCTURE ARE ENVISAGED DURING PLANNING PERIOD. PROJECTED COUNTRY PLANS CONTINUE TO DIFFER FROM NATO FORCE GOALS IN NUMBER OF OFFENSIVE AIRCRAFT SQUADRONS AND HAWK BATTERIES AND UK OF COMBAT AIRCRAFT SQUADRONS. FRG DOES NOT PLAN TO ACTIVIAATE ADDITIONAL HAWK BATTERIES OR TO INCREASE SQUADRON UE FOR FINANCIAL, PERSONNEL AND LOGISTICAL REASONS.

(1) EQUIPMENT. MODERNIZATION PROGRAM CLOSELY FOLLOWS NATO FORCE GOALS AND FORCE IMPROVEMENTS RECOMMENDED IN AD-70 STUDY. HIGHLIGHT OF AIRCRAFT PROGRAM IS PROCUREMENT OF F-4F AS REPLACEMENT FOR F104G IN OFFENSIVE AND AIR DEFENSE ROLES; RF-4E HAS ALREADY BEEN INTRODUCED IN RECONNAISSANCE ROLE. F-4S ARE TO BE FITTED WITH ECM EQUIPMENT, A RADAR DETECTOR; AND WILL HAVE A LIMITED NIGHT/ADVERSE WEATHER CAPABILITY. TOWARDS END OF PLANNING PERIOD A NEW REPLACEMENT PRROGRAM IS TO BE INITIATED: ALPHA JET (FRG&FRANCE COPRODUCED) IS TO BE INTRODUCED AS A REPLACEMENT OF G-91 AIRCRAFT NOT REPLACED BY F-4. 84 ALPHAS ARE TO BE ON HAND BY END-1978; TOTAL PROGRAM IS PROJECTED AT AROUND 200 ALPHAS. MRCA IS EXPECTED TO REPLACE REMAINING F-104 SQUADRONS ABOUT 1980; HOWEVER MEMORANDUM STRESSES NO FINAL DECISION HAS BEEN TAKEN ON MRCA PROJECT. MRCA WOULD BE FIRST FRG AIRCRAFT TO HAVE FULL NIGHT/ADVERSE WEATHER CAPABILITY. AN OVERHAUL PROGRAM HAS BEEN INITIATED FOR F-104S RETAINED IN SERVICE DURING REVIEW PERIOD; INCLUDING FITTING F-104S WITH ECM EQUIPMENT. PROCUREMENT FOR FOUR ECCM TRAINING AIRCRAFT IS PLANNED. FUNDS HAVE BEEN ALLOCATED TO ESTABLISH AN AIRBORNE DATA COLLECTION SYSTEM FOR ELECTRONIC SUPPORT. GUILD-UP OF NATIONAL COMMAND AND CONTROL SYSTEM IS CONTINUING. BOTH HAWK AND NIKE SAM UNITS ARE TO BE MODERNIZED AND ARR EXPECTED TO REMAIN IN SERVICE UNTIL MID-1980'S. ARMY
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IS ALSO IMPLEMENTING A NUMBER OF AIR DEFENSE IMPROVMENTS. AS REGARDS SURVIABILITY, AIR BASE PHYSICAL PROTECTIVE PROGRAM CALLS FOR CONSTRUCTION OF 404 AIRCRAFT SHELTERS AT 16 BASES (INCLUDING NAVAL AIR BASES). SHELTER PROGRAM COVERS 70 PERCENT OF THE ASSIGNED AIRCRAFT. AT END-1973 310 OF THE 404 SHELTERS WERE IN THE CARCASS STAGES; THEY COULD BE USED IMMEDIATELY IF NECESSARY. CURRENT SHELTER PROGRAM IS SCHEDULED FOR COMPLETION BY LATE 1974/EARLY 1975. PLAN TO CONSTRUCT SHELTERS WITH NATIONAL FUNDS FOR REMAINING 30 PERCENT OF ASSIGNED AIRCRAFT HAVE BEEN PUT OFF BECAUSE OF LACK OF FINANCIAL RESOURCES.

(2) LOGISTICS. WRM GOAL IS FOR 30 COMBAT DAYS. AT END-1973, 7 OUT OF 18 REPORTED ITEMS ARE BELOW 30 DAY LEVEL. THESE ITEMS INCLUDE: 20 AND 30 MM AMMO(20 TO 25 DAYS), 250 KG MATRA RETARDED BOMBS AND BL-755 BOMBS (9 TO 11 DAYS), 250 GALLON

DROPABLE FUEL TANKS (22 DAYS), AND LAUNCHERS FOR F-104&G-91 (19 DAYS). BY END-1974, ONLY MATRA RETARDED BOMBS, BL-755 BOMBS, AND 250 GALLON FUEL TANK REMAIN BELOW 30 DAY LEVEL. BY END OF PLANNING PERIOD, ALL ITEMS ARE TO REACH 30 DAY LEVEL OF SUPPLY, INCLUDING WRM FOR NEWLY ACQUIRED F-4S. UNDER CURRENT POLICY, STOCKS FOR 7 COMBAT DAYS ARE KEPT BY THE COMBAT UNITS; STOCKS FOR REMAINING COMBAT DAYS ARE STORED IN SUPPLY INSTALLATIONS.

(3) PERSONNEL. APPROXIMATELY 104 THOUSAND PERSONNEL ARE REPORTED ON ACTIVE DUTY OVER 1973 TO 78 PERIOD. NUMBER OF REGULARS INCREASES FROM 71,343 IN 1972 TO 73,975 IN 1978. ACTIVE STRENGTH IS ROUGHLY 56 PERCENT OF WAS. ADEQUATE NUMBER OF RESERVISTS TO FLESH OUT DIFFERENCE BETWEEN ACTIVE STRENGTH AND WAS ARE SCHEDULED FOR RECALL DURING FIRST 15 DAYS OF MOBILIZATION. SOME 11 THOUSAND RESERVISTS ARE TO RECEIVE ANNUAL TRAINING, PROVIDED FUNDING IS AVAILABLE. RESERVISTS ROLLS ARE PROJECTED AS GROWING FROM 390 THOUSAND IN 1973 TO 500 THOUSAND IN 1978. NATO STANDARD OF 1.5 TO 1 RATION FOR AIRCREW/AIRCRAFT IS MAINTAINED OVER PLANNING PERIOD. ANNUAL FLYING HOURS PER PILOT IS ROUGHLY 160 HOURS. IN GERMAN VIEW, RATING OF FULL MISSION EFFECTIVENESS MUST RANK BEFORE NUMERICAL REGISTERING OF FLYING HOURS. EVEN THOUGH, FRG WOULD LIKE TO INCREASE INDIVIDUAL PILOT ANNUAL FLYING TIME, INCREASE IS NOT POSSIBLE WITHOUT ADDITIONAL TRAINING SPACE.

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2. DEFENSE EXPENDITURES. A. FINANCIAL AND ECONOMIC SECTION OF DPQ(73) RESPONSE ONLY COVERS DETAILS ON 1972 AND 1973. DPQ(73) REPORTS GERMAN DEFENSE EXPENDITURES (NOT INCLUDING BERLIN) OF:
28,720 MILLION D.M. IN 1972
31,597 MILLION D.M. IN 1973

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DPQ(73) REPORTED FIGURES TRANSLATE INTO ABOUT A 10 PERCENT VOLUME INCREASE IN 1973 OVER 1972, AN IMPROVEMENT OVER PROJECTED MONETARY INCREASE FOR 1973 PROVIDED IN DPQ(72). USING A PRICE DEFLATOR OF 6 PERCENT, FRG ESTIMATES A REAL TERM INCREASE OF 318 PERCENT IN 1973 OVER 1972. FRG PROJECTS DEFENSE EXPENDITURES OF APPROXIMATELY 33,630 MILLION D.M. IN 1974 (WITHOUT GIVING ANY DETAILS). THE 1972-76 FINANCIAL PLAN PROVIDES FOR A STEADY RISE IN DEFENSE EXPENDITURES FROM 1973 TO 1976.
.2. FRG REPORTS 4.0 PERCENT OF GNP FOR DEFENSE IN 1972, DECLINING TO 3.9 IN 1973.

C. MILITARY PERSONNEL EXPENDITURES, INCLUDING PENSIONS, CLAIM ABOUT 37 PERCENT OF TOTAL DEFENSE BUDGET IN BOTH 1972 AND 1973. MAJOR EQUIPMENT EXPENDITURES, INCLUDING AMMUNITION AND MISSILES, CLAIM A LITTLE OVER 13.5 PERCENT OF TATAL BUDGET IN BOTH 1972 AND 1973. INMONETARY TERMS EXPENDITURES FOR AMMO AND MISSILES INCREASE BY 13 PERCENT IN 1973 OVER 1972.

D. IN MIMORANDUM FRG FOLLOWS USUAL PRACTICE OF IDENTIFYING ITS ECONOMIC SUPPORT OF BERLIN AS DEFENSE EXPENDITURES. THESE EXPENDITURES ARE NOT INCLUDED IN THE NATO DEFINITION OF DEFENSE EXPENDITURE. INCLUSION OF BERLIN EXPENDITURES IN NATO TOTALS
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WOULD INCREASE GERMAN TOTAL DEFENSE SPENDING AND SHAPRE OF GNP FOR DEFENSE. MEMORANDUM ALSO COUNTS AS FRG DEFENSE CONTRIBUTIONS, MAKING AVAILABLE FACILITIES AND LAND TO NATO ALLIES; THESE ARE ALSO NOT INCLUDED IN FINANCIAL AND ECONOMIC TABLES, WHICH REPORT DEFENSE EXPENDITURES ACCORDING TO NATO DEFINITION.

3. PROPOSED USNATO POSITION FOR MULTILATERAL EXAMINATION. AT GERMAN MULTILATERAL EXAMINATION SESSION, TENTATIVELY SCHEDULED FOR OCTOBER 18, USNATO PROPOSES TO:

A. EXPRESS HOPE THAT CURRENT IMPETUS TO IMPROVE FORCES WILL BE MAINTAINED.

B. ASK FOR FURTHER DETAILS ON COMPENSATORY MEASURES BEING TAKEN OR PLANNED TO OFFSET IMPACT OF REDUCTION IN LENGTH OF CONSCRIPT SERVICE ON PERSONNEL SITUATION.

C. ASK IF FRG HAS CONCRETE PLANS TO MAKE USE OF LARGE NUMBER OF PERSONNEL ON RESERVE ROLLS (OVER 1.5 MILLION) THAT WILL NOT BE MOBILIZED WITHIN FIRST 15 DAYS.

D. ASK FOR CONFIRMATION THAT FRG INTENDS TO BUY TOW AND HOT ANTI-TANK WEAPONS.

E. ASK IF REPLACEMENTS FOR DESTROYERS/OCEAN ESCORTS HAVE BEEN SELECTED.
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